

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/NO 2004/000172

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F03B 13/18, F03B 13/20  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4355511 A (JONES), 26 October 1982 (26.10.1982), column 2, line 39 - column 3, line 4; column 18, line 6 - column 20, line 21; column 25, line 66 - column 27, line 22	1,2,8-10, 12-15,17
Y	--	3-7,11,16
X	GB 2131887 A (KG INVENTIONS LTD OY), 27 June 1984 (27.06.1984), figures 1-3, abstract	1,2,12-14
Y	--	11
Y	US 4931662 A (BURTON), 5 June 1990 (05.06.1990), column 5, line 27 - line 48, figures 7,8	3-7,16
	-----	

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"B" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

4 October 2004

Date of mailing of the international search report

05 -10- 2004

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. +46 8 666 02 86

Authorized officer

Daniel Aberg / JA A  
Telephone No. +46 8 782 25 00

# INTERNATIONAL SEARCH REPORT

Information on patent family members

03/09/2004

International application No.

PCT/NO 2004/000172

US	4355511	A	26/10/1982	FR	2398194	A	16/02/1979
				GB	2003993	A,B	21/03/1979
GB	2131887	A	27/06/1984	FI	64839	B,C	30/09/1983
				FI	824226	D	00/00/0000
				GB	8332795	D	00/00/0000
				NO	834494	A	12/06/1984
US	4931662	A	05/06/1990	AU	615274	B	26/09/1991
				AU	3191689	A	25/08/1989
				BR	8907920	A	12/08/1997
				CA	1325951	A,C	11/01/1994
				EP	0371093	A,B	06/06/1990
				SE	0371093	T3	
				JP	2503218	T	04/10/1990
				JP	2729096	B	18/03/1998
				KR	9609216	B	16/07/1996
				NZ	227740	A	26/02/1991
				PH	25051	A	28/01/1991
				WO	8907197	A	10/08/1989